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	2	176	4.0	22481	5	PCT-US95-07201-43	Sequence 43, Appl
	3	175.8	4.0	87350	3	US-08-781-891-79	Sequence 79, Appl
	4	174.8	4.0	302	2	US-08-849-701-3	Sequence 3, Appl
C	5	174.6	4.0	35060	3	US-08-814-095-7	Sequence 7, Appl
	6	174.2	4.0	7720	4	US-09-318-448-5	Sequence 5, Appl
	7	173.6	3.9	246240	2	US-08-724-394A-20	Sequence 20, Appl
	8	173.6	3.9	246240	2	US-08-724-394A-21	Sequence 21, Appl
	9	173.6	3.9	246240	2	US-08-724-394A-22	Sequence 22, Appl
	10	173.2	3.9	9837	1	US-08-832-883-68	Sequence 68, Appl
C	11	173.2	3.9	9837	2	US-08-832-877-68	Sequence 68, Appl
	12	172.8	3.9	36741	4	US-09-301-665-3	Sequence 3, Appl
	13	171.6	3.9	2115	1	US-08-395-800A-7	Sequence 7, Appl
	14	171.4	3.9	6769	1	US-08-480-784-20	Sequence 20, Appl
	15	171.4	3.9	6769	1	US-08-483-553-20	Sequence 20, Appl
	16	171.4	3.9	6769	1	US-08-487-002-20	Sequence 20, Appl
	17	171.4	3.9	6769	1	US-08-483-554B-20	Sequence 20, Appl
	18	171.4	3.9	6769	1	US-08-488-011B-20	Sequence 20, Appl
	19	171.4	3.9	6769	4	US-08-850-727-20	Sequence 20, Appl
	20	171.4	3.9	6769	5	PCT-US95-10202-20	Sequence 20, Appl
	21	171.4	3.9	6769	5	PCT-US95-10203-20	Sequence 20, Appl
	22	171.4	3.9	6769	5	PCT-US95-10220-20	Sequence 20, Appl
C	23	171.2	3.9	246240	2	US-08-724-394A-20	Sequence 20, Appl
	24	171.2	3.9	246240	2	US-08-724-394A-21	Sequence 21, Appl
C	25	171.2	3.9	246240	2	US-08-724-394A-22	Sequence 22, Appl
	26	170.6	3.9	6669	3	US-09-213-971-5	Sequence 5, Appl
	27	170.6	3.9	6669	3	US-08-800-929A-5	Sequence 5, Appl

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Query Match      4.08: Score 177: DB 1: Length 282;
Best Local Similarity 84.39: Pred. No. 4.5e-32;
Matches 220: Conservative 6: Mismatches 21: Indels 14: Gaps 2:

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		4.0%;	Score 176;	DB 5;	Length 22481;
		Best Local Similarity	80.1%;	Pred. No. 7.3e-31;	
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Db	9493	ATTCTACATATTT	TTTTTTCCTTTTTT	TTTTTTTGTAGATGGAGCTCTGTGCTCTGTTGCC	9552
QY	2372	agggctggcct	-----gatctt	ggctcactgcaacctccacttccctggattccaagc	2421
Db	9553	AGCCTGGAGTGCAG	TGGCGCGATCTCAC	CTCAGTGCACACTCCCACTTCCCHGGATTCAAGT	9612
QY	2422	gattctctgtcctcag	ctccta	gttagtgcgtggattacaggcgcgtgccaccacacccag	2481
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QY	2482	ctaatt---	tatttttagcagaat	ggggtttcacctgtgtgcccaggctgactgtaa	2537
Db	9673	CTAAATTTTGTAT	TTTTTGTAGTAGAT	TGGGGTTTCTCCATGTTTGCCAGGATGGTCTCAAA	9732
QY	2538	ctctgagctcaagtga	tccaccac	acctccagctcccccagagtcgtaggattacagg	2593
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1  RESULT 3
2  US-08-781-891-79
3  : Sequence 79, Application US/08781891
4  : Patent No. 6090620
5  : GENERAL INFORMATION:
6  : APPLICANT: Fu, Ying-Hui
7  : APPLICANT: Yu, Chang-En
8  : APPLICANT: Oshima, Junko
9  : APPLICANT: Mulligan, John T.
10 : APPLICANT: Schellengberg, Gerald D.
11 : TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
12 : NUMBER OF SEQUENCES: 209
13 : CORRESPONDENCE ADDRESS:
14 : ADDRESSEE: SEED AND BERRY LLP
15 : STREET: 6300 Columbia Center, 701 Fifth Avenue
16 : CITY: Seattle
17 : STATE: Washington
18 : COUNTRY: USA
19 : ZIP: 98104-7092
20 : COMPUTER READABLE FORM:
21 : MEDIUM TYPE: Floppy disk
22 : COMPUTER: IBM PC compatible
23 : OPERATING SYSTEM: PC-DOS/MS-DOS
24 : SOFTWARE: PatentIn Release #1.0, Version #1.30
25 : CURRENT APPLICATION DATA:
26 : APPLICATION NUMBER: US/08/781,891
27 : FILING DATE: 27-DEC-1996
28 : CLASSIFICATION: 800
29 : ATTORNEY/AGENT INFORMATION:
30 : NAME: NO. 6090620tenburg Ph.D., Carol
31 : REGISTRATION NUMBER: 39,317
32 : REFERENCE/DOCKET NUMBER: 240052.419
33 : TELECOMMUNICATION INFORMATION:
34 : TELEPHONE: (206) 522-4900
35 : TELEFAX: (206) 682-6031
36 : INFORMATION FOR SEQ ID NO: 79:
37 : SEQUENCE CHARACTERISTICS:
38 : LENGTH: 87350 base pairs
39 : TYPE: nucleic acid
40 : STRANDEDNESS: single
41 : TOPOLOGY: linear
42 :
43 : US-08-781-891-79

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Query Match 4.0%; Score 175.8; DB 3; Length 87350;  
Best Local Similarity 83.3%; Pred. No. 1.6e-30;  
Matches 229; Conservative 0; Mismatches 32; Indels 14; Gaps 2;  
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RESULT 4  
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; Sequence 3, Application US/08849701  
; Patent No. 5922544  
; GENERAL INFORMATION:  
; APPLICANT: Miyai, Kiyoshi  
; APPLICANT: Naitoh, Tsutomu  
; APPLICANT: Yonekawa, Toshihiro  
; TITLE OF INVENTION: Method of Cell Detection  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Knobbe, Martens, Olson & Bear  
; STREET: 620 Newport Center Drive 16th Floor  
; CITY: Newport Beach  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 92660  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/849,701  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/Jp95/02734  
; FILING DATE: 27-DEC-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Altman, Daniel E  
; REGISTRATION NUMBER: 34,115  
; REFERENCE/DOCKET NUMBER: EIKEN1.001APC  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 714-760-0404  
; TELEFAX: 714-760-9502  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 302 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; IMMEDIATE SOURCE:  
; CLONE: ALU sequence BLUR2

US-08-849-701-3

Query Match 4.0%; Score 174.8; DB 2; Length 302;  
Best Local Similarity 82.1%; Pred. No. 1.5e-31;  
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Db 60 ATCCACCACCTCAGCCTCCGAAAGTATTGGGATTACAGG 21

RESULT 5  
US-08-814-095-7/C  
; Sequence 7, Application US/08814095  
; Patent No. 6025183  
; GENERAL INFORMATION:  
; APPLICANT: Soreq, Hermona  
; APPLICANT: Zakut, Haim  
; APPLICANT: Shani, Moshe  
; TITLE OF INVENTION: TRANSGENIC ANIMAL ASSAY SYSTEM FOR  
; TITLE OF INVENTION: ANTI-CHOLINESTERASE SUBSTANCES  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: KOHN & ASSOCIATES  
; STREET: 30500 NO. 6025183thwestern Highway, Suite 410  
; CITY: Farmington Hills  
; STATE: Michigan  
; COUNTRY: U.S.  
; ZIP: 48334  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/814,095  
; FILING DATE:  
; CLASSIFICATION: 800  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Montgomery, Ilene N.  
; REGISTRATION NUMBER: 38,972  
; REFERENCE/DOCKET NUMBER: 2391.00066  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (248) 539-5050  
; TELEFAX: (248) 539-5055  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 35060 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
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; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
; POSITION IN GENOME:

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17 OTHER INFORMATION: /function= "(translation start:
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21 OTHER INFORMATION: /number= 2
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75 OTHER INFORMATION: /gene="ARS"
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Best Local Similarity 80.2%; pred. No. 1.9e-30;
Matches 235; Conservative 0; Mismatches 44; Indels 14; Gaps 2;
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## RESULT 8

US-08-724-394A-21  
; Sequence 21, Application US/08724394A  
; Patent No. 5872237  
; GENERAL INFORMATION:  
; APPLICANT: Feder, John N.  
; APPLICANT: Kronmal, Gregory S.  
; APPLICANT: Lauer, Peter M.  
; APPLICANT: Ruddy, David A.  
; APPLICANT: Thomas, Winston  
; APPLICANT: Tsuchihashi, Zenta  
; APPLICANT: Wolff, Roger K.  
; TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/724,394A  
; FILING DATE: 01-OCT-1996  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fitts, Renee A.  
; REGISTRATION NUMBER: 35,136  
; REFERENCE/DOCKET NUMBER: 017957-000100  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-576-0200  
; TELEFAX: 415-576-0300  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 246240 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: not relevant  
; TOPOLOGY: not relevant  
; MOLECULE TYPE: cDNA  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: 1..246240  
; OTHER INFORMATION: /note= "HLA-H. CONTIG"  
US-08-724-394A-21

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Best Local Similarity 75.9%; Pred. No. 9e-30;  
Matches 246; Conservative 0; Mismatches 64; Indels 14; Gaps 2;  
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QY 2344 tttagagtgagtgctctctggaaggaggagctctctctctctctctctctctctct 2393  
DB 2639 TTTGAGACGTTGTCACCCCTGTCGCCAGGCTGGAGTGCAGTCTTGGCTCA 2698  
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QY 2454 gattacaggcgctgcaaccacacccagctaat-----tatttttagcagagatggggtt 2509  
DB 2759 GATTACAGGTGCTGCCACCATGCCAGCTAATTTTGTATTTTATTTTATTTAGTAGACAGGGTT 2818  
QY 2510 tcactgtgtggcaggctggtcgtgaacctcctgagctcaagtgaaccacccacctcagc 2569

DB 2819 TCGCCGTGTTGCCAGGCTGGTCTCGAACTCTGACCTCAAGTACTATACCGCGCTCGGC 2878  
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RESULT 9  
US-08-724-394A-22  
; Sequence 22, Application US/08724394A  
; Patent No. 5872237  
; GENERAL INFORMATION:  
; APPLICANT: Feder, John N.  
; APPLICANT: Kronmal, Gregory S.  
; APPLICANT: Lauer, Peter M.  
; APPLICANT: Ruddy, David A.  
; APPLICANT: Thomas, Winston  
; APPLICANT: Tsuchihashi, Zenta  
; APPLICANT: Wolff, Roger K.  
; TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/724,394A  
; FILING DATE: 01-OCT-1996  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fitts, Renee A.  
; REGISTRATION NUMBER: 35,136  
; REFERENCE/DOCKET NUMBER: 017957-000100  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-576-0200  
; TELEFAX: 415-576-0300  
; INFORMATION FOR SEQ ID NO: 22:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 246240 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: not relevant  
; TOPOLOGY: not relevant  
; MOLECULE TYPE: cDNA  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: 1..246240  
; OTHER INFORMATION: /note= "HLA-H. CONTIG"  
US-08-724-394A-22

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Best Local Similarity 75.9%; Pred. No. 9e-30;  
Matches 246; Conservative 0; Mismatches 64; Indels 14; Gaps 2;  
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Qy	2510	tcactgtgtgacccaggctggctggaactcctgaactcgaagtatccacccacctcagc	2569
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RESULT 10  
US-08-832-883-68/c  
; Sequence 68, Application US/08032883  
; Patent No. 5807681  
; GENERAL INFORMATION:  
; APPLICANT: Giordano, Antonio  
; APPLICANT: Baldi, Alphonso  
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS  
; TITLE OF INVENTION: OF CANCER  
; NUMBER OF SEQUENCES: 115  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.  
; STREET: Suite 1800 Two Penn Center Plaza  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA

```

; ZIP: 19102
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/832,883
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 8321-13 US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9837 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-832-883-68

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	Query Match	3.9%	Score 173.2;	DB 1;	Length 9837;
	Best Local Similarity	82.4%;	Pred. No. 2.1e-30;		
	Matches 22;	Conservative 0;	Mismatches 33;	Indels 16;	Gaps 2;
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Qy	2385	cttggctcactgcaacctccactctctgggtttcaagcgattctctgcctcagcctccta	2444		
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Qy	2445	agtagctgggattacaggcgctgtccaccacacccagctaatt-----tatttttagca	2498		

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Db	1836	GAGATGGGGTTTCACCATGTTGGCCAAAGCTGATTTTGAACTCCTGCACCTCAGGTGATCCA	1777
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Db	1776	CCCATTTTGGGCGCTCCCAAAAGTGTGGGATTACAGCAT	1739

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RESULT 11
US-08-832-877-68/c
; Sequence 68, Application US/08832877
; Patent No. 5840506
; GENERAL INFORMATION:
; APPLICANT: Giordano, Antonio
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS OF
; TITLE OF INVENTION: CANCER
; NUMBER OF SEQUENCES: 116
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.
; STREET: Suite 1800 Two Penn Center Plaza
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patencin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/832,877
; FILING DATE:
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 8321-13 US2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9837 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-832-877-68

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Query Match	3.9%	Score 173.2	DB 2	Length 9837
Best Local Similarity	82.4%	Pred. No. 2,1e-30		
Matches 229; Conservative	0;	Mismatches 33;	Indels 16;	Gaps 2;
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Qy 2385	cttggctcaatgcgaactccacttctctgggttcgaagcgattctctcgctcaagcctctca 2444			
Db 1956	CTCGGCTCACATGCAACCTTCGCGCTCTCGGTTCGAAGCGATTTCTCGTGCCTCAGCCTCGTG 1897			
Qy 2445	agtgcctggggtattacaggcgctgcaccacacccagctgaatt-----tatttttagca 2498			
Db 1896	AGTATCTGGGATTTACAGGTGTGGCCACCCGACCCAGCTAATTTTTTGTAAATTTTACGA 1837			
Qy 2499	gagatgggggtttcaactgtgttgccgacagctggctgtagtcaactcctgagctcaagtgcaca 2558			
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Job time: 7973 sec